

WHAT IS CLAIMED IS:

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1 A method of testing a print driver in a computer system, comprising:
2 automatically generating a driver-test data structure with associated applications
3 and documents; and
4 processing said driver-test data structure to open said associated applications and
5 documents and thereby test said print driver.

1 2. The method of claim 1 further comprising:
2 selecting one or more print options associated with said driver as selected print
3 options, wherein said automatically generating generates said driver-test data structure
4 with said associated applications and documents and said print options, and said
5 processing said driver-test data structure includes opening said associated applications and
6 documents; and
7 setting said selected print options.

1 3. The method of claim 1 further comprising:
2 providing a graphical interface to associate said applications and documents.

1 4. The method of claim 3 further comprising:
2 including a spreadsheet in said graphical user interface to associate said
3 applications and documents.

1 5. The method of claim 1 further comprising:
2 registering one or more of said applications.

1 6. The method of claim 1 wherein the computer system has a plurality of installed
2 print drivers, further comprising:
3 automatically learning a plurality of print options of one of the plurality of
4 installed print drivers to provide learned-controls;
5 selecting said one of said plurality of installed print drivers as a test-print driver;
6 and

7 providing a graphical user interface to set at least one of said plurality of print
8 options to a predetermined value, wherein said automatically generating generates said
9 driver-test data structure with said associated applications and documents, and includes
10 said predetermined value of said at least one of said print options, and said processing said
11 driver-test data structure to open said associated applications and documents includes
12 setting said at least one of said plurality of print options to said predetermined value.

1 7. The method of claim 1 further comprising:
2 printing each of said documents.

1 8. The method of claim 1 further comprising:
2 generating a log while executing said test engine.

1 9. A computer program product for use in conjunction with a computer system, the
2 computer program product for testing a print driver in a computer system, the computer
3 program product comprising a computer readable storage medium and a computer
4 program mechanism embedded therein, the computer program mechanism comprising:
5 instructions to automatically generate a driver-test data structure with associated
6 applications and documents; and
7 a test-engine to open said associated applications and documents of said driver-test
8 data structure to test said print driver.

1 10. The computer program product of claim 9 further comprising:
2 instructions to select one or more print options associated with said driver as
3 selected print options, wherein said instructions to automatically generate generates said
4 driver-test data structure with said associated applications and documents and said print
5 options, and said test-engine further includes instructions to open said associated
6 applications and documents with said selected print options.

1 11. The computer program product of claim 9, wherein the computer program
2 mechanism further comprises:

3 instructions to provide a graphical interface to associate said applications and
4 documents.

1 12. The computer program product of claim 9, wherein the computer program
2 mechanism further comprises:

3 an edit known application procedure to register one or more of said applications.

1 13. The computer program product of claim 9, wherein said computer program
2 mechanism further comprises:

3 an auto-learn procedure to automatically identify a plurality of print options of an
4 installed print driver;

5 instructions to select said installed print driver as a test-print driver; and

6 instructions to provide a graphical user interface to set at least one of said plurality
7 of print options to a predetermined value, wherein said instructions that automatically
8 generate generates said driver-test data structure with said associated applications and
9 documents, and include said predetermined value of said at least one of said plurality of
10 print options; and

11 instructions to set said at least one of said plurality of print options to said
12 predetermined value, thereby testing said test-print driver.

1 14. The computer program product of claim 9, wherein said computer program
2 mechanism further comprises:

3 instructions to provide a spreadsheet to associate said applications and documents.

1 15. The computer program mechanism of claim 9, wherein said computer readable
2 program code means further comprises:

3 instructions to print each of said documents.

1 16. The computer program product of claim 9, wherein said computer program
2 mechanism further comprises:

3 instructions to generate a log while executing said test engine.

1 17. A computer system for testing a print driver, comprising:
2 memory to store:
3 instructions to automatically generate a driver-test data structure with
4 associated applications and documents; and
5 a test-engine to open said associated applications and documents of said
6 driver-test data structure to test said print driver; and
7 a processor to execute said instructions and aid test-engine stored in said memory.

1 18. The computer system of claim 17 wherein said memory further comprises:
2 instructions to select one or more print options associated with said driver as
3 selected print options, wherein said instructions to automatically generate generates said
4 driver-test data structure with said associated applications and documents and said print
5 options, and said test-engine further includes instructions to open said associated
6 applications and documents with said selected print options.

1 19. The computer system of claim 17 wherein said memory further comprises:
2 instructions to provide a graphical interface to associate said applications and
3 documents.

1 20. The computer system of claim 17 wherein said memory further comprises:
2 an edit known application procedure to register one or more of said applications.

1 21. The computer system of claim 17 wherein said computer system has a plurality
2 of installed print drivers, and said memory further comprises:
3 an auto-learn procedure to automatically identify a plurality of print options of one
4 of the plurality of installed print drivers;
5 instructions to select said one of said plurality of installed print drivers as a test-
6 print driver; and
7 instructions to provide a graphical user interface to set at least one of said plurality
8 of print options to a predetermined value, wherein said instructions that automatically
9 generate generates said driver-test data structure with said associated applications and
10 documents, and include said predetermined value of said at least one of said plurality of

11 print options, and said test-engine to open said associated applications and documents of
12 said driver-test data structure includes instructions to set said at least one of said plurality
13 of print options to said predetermined value, thereby testing said test-print driver.

1 22. The computer system of claim 17 wherein said memory further comprises:
2 instructions to provide a spreadsheet to associatesaid applications and documents.

1 23. The computer system of claim 17, wherein said memory further comprises:
2 instructions to print each of said documents.

1 24. The computer system of claim 17, wherein said memory further comprises:
2 instructions to generate a log while executing said test engine.